

Converting Colors

$Yxy(67.3244, 0.2746, 0.3017)$

Have a look what the booklet for
Yxy(67.3244, 0.2746, 0.3017)
contains.

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Color

Yxy(67.3244, 0.2746, 0.3017)

Conversions

Conversions Part 1

Format	Color
Hex	B8DBF3
RGB	184, 219, 243
RGB Percent	72%, 86%, 95%
CMY	0.2784, 0.1412, 0.0471
CMYK	0.24, 0.10, 0.00, 0.05
HSL	204°, 71%, 84%
HSV	204°, 24%, 95%
XYZ	61.2770, 67.3244, 94.5487
YIQ	211.2710, -28.5640, 0.0440

Conversions

Conversions Part 2

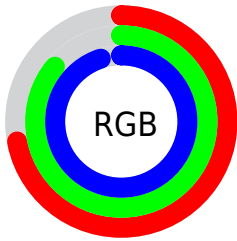
Format	Color
RYB	184, 206, 243
Decimal	12114931
CIELab	85.67, -6.28, -15.52
CIELCh	86, 16.742, 247.961
Yxy	67.3244, 0.2746, 0.3017
Android (android.graphics.Color)	4290305011 (0xFFB8DBF3)
YUV	211.2710, 15.6424, -23.9167
Hunter-Lab	82.0514, -10.2840, -10.8845

Details

The Yxy color **67.3244, 0.2746, 0.3017** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **67.6263, 0.3576, 0.3548**, and the grayscale version is **65.2414, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **34.8846, 0.2656, 0.2946** is the 20% darker color. If you saturate the color by 10%, you get **59.5746, 0.2588, 0.2885**, and if you desaturate by 10%, it is **75.9013, 0.2905, 0.3138**.

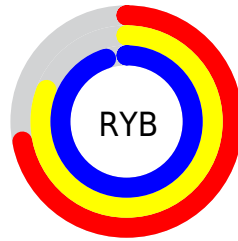
Distribution



Red (72%)

Green (86%)

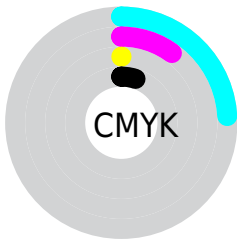
Blue (95%)



Red (72%)

Yellow (81%)

Blue (95%)

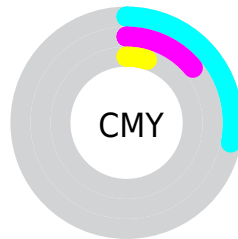


Cyan (24%)

Magenta (10%)

Yellow (0%)

Black (5%)



Cyan (28%)

Magenta (14%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.3244, 0.2746, 0.3017 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 67.3244, 0.2746, 0.3017 by changing the saturation by 10% instead.

■ 67.3244, 0.2746,
0.3017

■ 67.3244, 0.2746,
0.3017

451.0986, 0.2923,
0.3146

■ 49.3483, 0.2706,
0.2987

■ 115.3851, 0.2807,
0.3062

■ 34.8959, 0.2656,
0.2949

146.2385, 0.2831,
0.3080

■ 23.5827, 0.2593,
0.2902

182.1532, 0.2852,
0.3095

■ 15.0243, 0.2511,
0.2838

223.5134, 0.2869,
0.3108

■ 8.8365, 0.2400,
0.2751

270.7037, 0.2885,
0.3119

■ 4.6347, 0.2241,
0.2623

324.1084, 0.2899,

■ 2.0345, 0.1997,

0.3129

0.2421

384.1119, 0.2911,
0.3138

0.6274, 0.1437,
0.2035

0.0000, 0.0000,
0.0000

67.3244, 0.2746,
0.3017

67.3244, 0.2746,
0.3017

59.5746, 0.2588,
0.2885

75.9013, 0.2905,
0.3138

52.6120, 0.2435,
0.2743

85.3266, 0.3061,
0.3247

46.4053, 0.2292,
0.2592

95.2664, 0.3201,
0.3345

40.9173, 0.2161,
0.2436

99.2503, 0.3197,
0.3405

■ 36.1067, 0.2048,
0.2276

■ 31.9262, 0.1956,
0.2117

■ 28.3192, 0.1886,
0.1962

■ 26.4651, 0.1854,
0.1875

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.3244, 0.2745, 0.3165



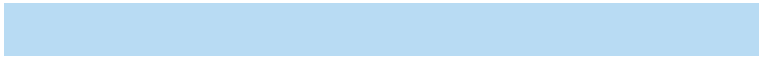
67.3244, 0.2746, 0.3017



67.3244, 0.2845, 0.2947

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.3244, 0.2746, 0.3017



67.3244, 0.3418, 0.3217



67.3244, 0.3223, 0.3642

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



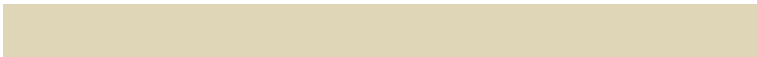
67.3244, 0.2746, 0.3017



67.6263, 0.3576, 0.3548

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.3244, 0.3410, 0.3645



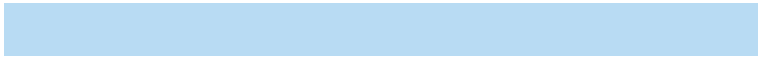
67.3244, 0.2746, 0.3017



67.3244, 0.3526, 0.3393

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.3244, 0.2746, 0.3017



67.3244, 0.3231, 0.3063



67.3244, 0.3522, 0.3551



67.3244, 0.3015, 0.3535

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.3244, 0.2746, 0.3017



67.3244, 0.2956, 0.2949



67.3244, 0.3522, 0.3551



67.3244, 0.3290, 0.3655

Sweetspot

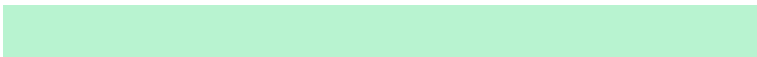
The Sweet Spot groups the original color and five complimentary colors.



67.3271, 0.2746, 0.3017



92.2254, 0.3019, 0.3218



78.8210, 0.2961, 0.3696



19.6014, 0.3009, 0.3212



0.0000, 0.0000, 0.0000



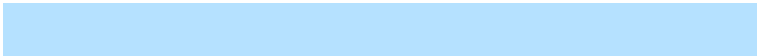
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.3271, 0.2746, 0.3017



70.8585, 0.2670, 0.2955



53.4520, 0.2717, 0.2672



17.5614, 0.2980, 0.3191



14.7983, 0.1861, 0.1899



1.5022, 0.1914, 0.2091

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



58.4548, 0.3342, 0.2921



59.7601, 0.3397, 0.2845



83.1349, 0.3507, 0.3841



16.6476, 0.3200, 0.3150



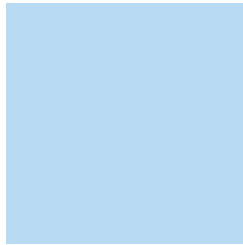
11.5933, 0.4569, 0.2291



1.0393, 0.4351, 0.2171

Previews

White Background



This preview shows how the Yxy color 67.3244, 0.2746, 0.3017 looks on a white background.

Color Contrast Check

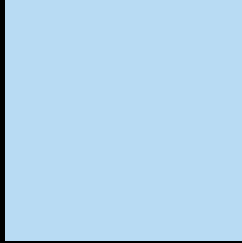
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 67.3244, 0.2746, 0.3017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

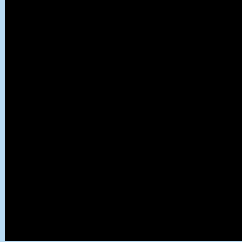
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

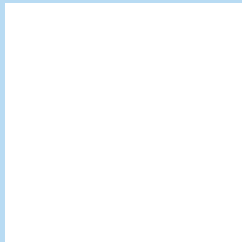
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.3244, 0.2746, 0.3017

Background



This preview shows how black text looks on a background with the Yxy color 67.3244, 0.2746, 0.3017.



This preview shows how white text looks on a background with the Yxy color 67.3244, 0.2746, 0.3017.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

67.3244, 0.2746, 0.3017

Protanopia

67.0206, 0.2935, 0.2994

Deuteranopia

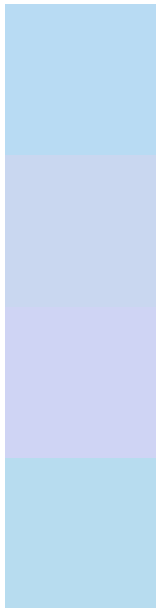
66.9200, 0.2966, 0.2895



Tritanopia

67.3681, 0.2775, 0.3094

Trichromacy



Original Color

67.3244, 0.2746, 0.3017

Protanomaly

67.3097, 0.2869, 0.3012

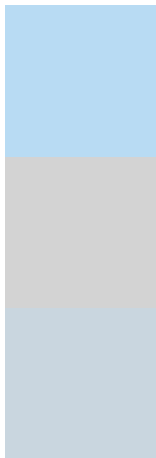
Deuteranomaly

66.8840, 0.2883, 0.2940

Tritanomaly

67.4857, 0.2763, 0.3072

Monochromacy



Original Color

67.3244, 0.2746, 0.3017

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.8384, 0.2975, 0.3187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.3244, 0.2746, 0.3017 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(184, 219, 243)` looks like.

```
.text, #text, p{  
    color:rgb(184, 219, 243)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(184, 219, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 219, 243) }
```

Border

The CSS property to change the border of an element to Yxy 67.3244, 0.2746, 0.3017 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(184, 219, 243) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(184, 219, 243) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(184, 219, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 219, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 219, 243);  
box-shadow:4px 4px 4px 4px rgb(184, 219,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 67.3244, 0.2746, 0.3017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 219, 243) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(184,  
219, 243) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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